

RECEIVED
CENTRAL FAX CENTER

MAY 25 2006

Workman Nydegger

1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
Phone: (801) 533-9800
Fax: (801) 328-1707

FAX TRANSMISSION COVER SHEET

Date: May __, 2006
To: United States Patent and Trademark Office
Fax: 571-273-8300
Phone: 571-272-1000
Re: U.S. Patent Application Serial No: 10/691,376
Our Docket No.: 15436.247.51.1
Sender: Tobi A. Terry, Paralegal to Kevin W. Stinger

YOU SHOULD RECEIVE 26 PAGE(S), INCLUDING THIS COVER SHEET. IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL 801-533-9800

Please see attached documents

PRIVILEGED AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS ATTORNEY PRIVILEGED AND CONFIDENTIAL. INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE TO DELIVER IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE, AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. THANK YOU.

BEST AVAILABLE COPY

MAY 25 2006

WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS

1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
TELEPHONE: (801) 533-9800
FAX: (801) 328-1707

WEBSITE: HTTP://WWW.WNLAW.COM

FILED VIA FACSIMILE

PATENT APPLICATION
Docket No: 15436.247.51.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Ashish K. Verma, et al.

Serial No.: 10/691,376

Art Unit
2828

Filed: October 22, 2003

Conf. No.: 4953

For: OPTOELECTRONIC SEMICONDUCTOR
DEVICE

Examiner: Flores Ruiz, Delma R

Customer No.: 022913

TRANSMITTALCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

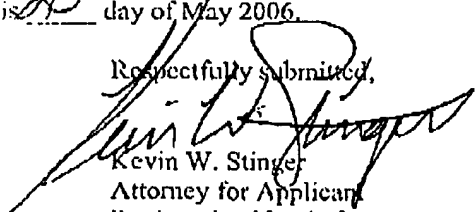
Transmitted herewith for filing are the following documents:

- Revocation and Substitute Power of Attorney with Ex. A & B (23 pgs);
- Certificate of Facsimile Transmission (1 pg)

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned. A duplicate copy of this letter is enclosed.

Dated this 25th day of May 2006.

Respectfully submitted,


Kevin W. Stinger
Attorney for Applicant
Registration No. 48,959
Customer No. 022913

ROCK D. NYDEGGER
BRIAN P. LORBERMAN
THOMAS R. VANDERBILT
LARRY R. TAVOCH
JONATHAN W. RICHARDS
DANIEL R. WICKHAM
JOHN C. STUBBS
JOHN M. CHAMBERLAIN
CHARLES L. HINDS
DAVID J. TAVOCH
ERIC L. MANTON
CHARLES E. NYDEGGER
BRYAN L. PHILLIPS
RICHARD C. GARDNER
STEPHEN A. BILKIN
R. BURTON JOHNSON
DAVID K. TOLIN
DAVID R. HENDERSON
L. JAMES CRITCH
ADRIAN J. LEE
FRANK D. ROY
CARL T. MOORE



R. PANDIT FRIEDMAN, JR.
PETER K. MANN, JR.
J. ROSSANO, JR.
WILLIAM K. RICHIE
ROBERT L. AYER
JAMES C. JOHNSON
MICHAEL B. CHAMBERLAIN
BRYAN A. HANSEN
BARRY L. JOHNSON
KYLE W. STINGER
RYAN D. BISHOP
SARA L. JONES
TODD KUTLER
JANNA L. JOHNSON
MICHAEL D. CHAMBERLAIN
J. KYLE CHAMBERLAIN
MICHAEL J. HENDERSON
MATTHEW A. BARNES
WILLIAM C. ROSSANO
ANDREW S. HARRIS
CHRISTOPHER L. NYDEGGER
JEREMY C. PIA
GREGORY E. TOLIN
BRYAN M. PARK
JAMES B. BISHOP
KIM B. LUKER
MICHAEL M. BARNES
DAVID A. JOHNSON
SHANE K. JOHNSON
JONATHAN M. ROSSANO
SCOTT A. WOODRUFF
JAMES C. GARDNER
MARK W. TOLIN
ARON M. SMITH

VERNON B. BAKER
of counsel

RECEIVED
CENTRAL FAX CENTER**MAY 25 2006**

FILED VIA FACSIMILE

PATENT APPLICATION
Docket No: 15436.247.51.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
	Ashish K. Venna, et al.)
)
Serial No.:	10/691,376) Art Unit
) 2828
Filed:	October 22, 2003)
)
Conf. No.:	4953)
)
For:	OPTOELECTRONIC SEMICONDUCTOR)
	DEVICE)
)
Examiner:	Flores Ruiz, Delma R)
)
Customer No.:	022913)

REVOCATION AND SUBSTITUTE POWER OF ATTORNEYCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, the undersigned, Stephen K. Workman, state that I am the Senior Vice President of Finance and the CFO of Finisar Corporation and that I am authorized to execute this Revocation and Substitute Power of Attorney on behalf of Finisar Corporation.

I further state that Finisar Corporation is the assignee of the entire interest of the above-identified patent as shown by the assignment recorded in the U.S. Patent and Trademark Office at the Reel and Frame identified in Exhibit A and assignments identified in Exhibit B. The assignee, Finisar Corporation, hereby revokes all previous powers of attorney in the above-identified patent, and now hereby appoints all attorneys under:

CUSTOMER NUMBER: 022913

of WORKMAN NYDEGGER as attorney with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith.

All correspondence and telephonic communication should be directed to:

ERIC L. MASCHOFF

at the address associated with the above-identified customer number.

This Revocation and Substitute Power of Attorney and Statement under 37 C.F.R. 3.73(b)(1) is effective for the above-identified patent, and shall be filed at the U.S. Patent & Trademark Office.

Signed this 16 day of MARCH, 2006.

By: 

Stephen K. Workman
Sr. Vice President Finance and CFO
Finisar Corporation
1389 Moffett Park Drive
Sunnyvale, CA 94089



EXHIBIT A

EXHIBIT A

A chain of title in parent application, U.S. Patent No. 6,540,413, issued April 1, 2003, to this Application Serial No: 10/691,376, is shown in an assignment from inventors Ashish K. Verma and Daniel A. Francis to Genoa Corporation recorded at Reel 010827, Frame 0487 and an assignment from inventor Arnold C. Chen to Genoa Corporation recorded at Reel 011135, Frame 0378 and an assignment from Genoa Corporation to Finisar Corporation recorded at Reel 01-1634, Frame 0328.

EXHIBIT B

**PROPERTIES SUBJECT TO REVOCATION AND
SUBSTITUTE POWER OF ATTORNEY**

WN File No:	Serial /Patent Number:	Date:	Title:	Inventors:
15436.247.51	09/580,322 6,647,041	05/26/2000 11/11/2003	ELECTRICALLY PUMPED VERTICAL OPTICAL CAVITY WITH IMPROVED ELECTRICAL PERFORMANCE	Ashish K. Verma, Arnold C. Chen, Daniel A. Francis
15436.247.51.1	10/691,376	10/22/2003	OPTOELECTRONIC SEMICONDUCTOR DEVICE	Ashish K. Verma, Arnold C. Chen, Daniel A. Francis



4919

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 04, 2000

FENWICK & WEST LLP
MICHAEL W. FARN
2 PALO ALTO SQUARE
PALO ALTO, CA 94306

REC PTAS

AUG 14 2000

FENWICK & WEST LLP



101377827A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/26/2000

REEL/FRAME: 010827/0487
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
VERMA, ASHISH K.

DOC DATE: 05/25/2000

ASSIGNOR:
FRANCIS, DANIEL A.

DOC DATE: 05/25/2000

ASSIGNEE:
GENOA CORPORATION
41762 CHRISTY STREET
FREMONT, CALIFORNIA 94538SERIAL NUMBER: 09580322
PATENT NUMBER:FILING DATE: 05/26/2000
ISSUE DATE:

ANCLONE ROYALI, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1619A
Expires 6/30/05
OMB 0451-0027

06-08-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT

101377827

**RECORDATION FORM COVER SHEET
PATENTS ONLY**10525 U.S. PTO
09/580322

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
Resubmission (Non-Recordation)
☐ Document ID#
Correction of PTO Error
☐ Real # Frame #
Corrective Document
☐ Real # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other
U.S. Government
(For Use ONLY by U.S. Government Agencies)
☐ Departmental File ☐ Secret File

Conveying Party(ies)☐ Mark if additional names of conveying parties attachedExecution Date
Month Day YearName (line 1) Ashish K. Verma05/25/2000Name (line 2) **Second Party**Execution Date
Month Day YearName (line 1) Daniel A. Francis05/25/2000Name (line 2) 09/580322**Receiving Party**☐ Mark if additional names of receiving parties attachedName (line 1) GenOA CorporationName (line 2) Address (line 1) 41762 Christy StreetAddress (line 2) Address (line 3) FremontCA94538

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) **FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet plus time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

FORM PTO-1619B

EFFECTIVE 06/30/93
CLASS 001-0027

Page 2

U.S. Department of Commerce
Patent and Trademark Office
PATENT**Correspondent Name and Address**

Area Code and Telephone (650) 858-7823

Name Michael W. Farn

Address (line 1) Fenwick & West LLP

Address (line 2) 2 Palo Alto Square

Address (line 3) Palo Alto, CA 94306

Address (line 4)

Pages

Enter the total number of pages of the conveyance document including attachments # 2

Application Number(s) or Patent Number(s)☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
05/25/2000**Patent Cooperation Treaty (PCT)**Enter PCT application number
only if a U.S. Application Number
has not been assigned

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment

Enclosed ☐Deposit Account ☒**Deposit Account**

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

19-2555

Authorization to charge additional fees:

Yes ☒ No ☐**Statement and Signature***To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Michael W. Farn

Name of Person Signing


Signature

May 26, 2000

Date

PATENT

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to GenOA Corporation, a California corporation, having a place of business at 41762 Christy Street, Fremont, CA 94538 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: ELECTRICALLY PUMPED VERTICAL OPTICAL CAVITY WITH IMPROVED ELECTRICAL PERFORMANCE ("APPLICATION"), which:

☒ is to be filed herewith

☐ was filed on _____, now bearing U.S. serial number _____

and for which a Declaration was executed by INVENTOR on the date(s) below; and

2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

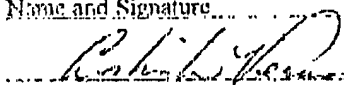
INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature _____  Ashish K. Verma	Date of Signature 5/25/2006	Date Declaration Executed By This Person 5/25/2006 NF
--	-----------------------------------	---

State of _____
County of _____

On _____ before me, _____ personally
[DATE] [NOTARY PUBLIC]

appeared Ashish K. Verma, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary

Case Number: 2006-108

1 of 2

PATENT

Title of Document: ASSIGNMENT

Re:

Title:

ELECTRICALLY PUMPED VERTICAL OPTICAL CAVITY WITH
IMPROVED ELECTRICAL PERFORMANCE

Filed: (if applicable)

N/A

Serial No.: (if applicable)

N/A

Name and Signature _____	Date of Signature _____	Date Declaration Executed By This Person _____
--------------------------	----------------------------	---

Arnold C. Chen	_____, 2000	_____, 2000
----------------	-------------	-------------

State of _____
County of _____On _____ before me, _____ personally
[DATE] [NOTARY PUBLIC]

appeared Arnold C. Chen personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary

Name and Signature _____

Date of
Signature _____Date Declaration
Executed By This Person _____

Daniel A. Francis

May 25, 2000

5/25/2000 NF

State of _____
County of _____On _____ before me, _____ personally
[DATE] [NOTARY PUBLIC]

appeared Daniel A. Francis personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary

**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D C 20231

NOVEMBER 30, 2000

PTAS

FENWICK & WEST LLP
MICHAEL W. FARN
2 PALO ALTO SQUARE
PALO ALTO, CA 94306

101483944A

RECEIVED

DEC 11 2000

FENWICK & WEST LLP

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/05/2000

REEL/FRAME: 011135/0378
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHEN, ARNOLD C.

DOC DATE: 08/23/2000

ASSIGNEE:

GENOA CORPORATION
41762 CHRISTY STREET
FREMONT, CALIFORNIA 94538SERIAL NUMBER: 09580322
PATENT NUMBER:FILING DATE: 05/26/2000
ISSUE DATE:MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1619A

Replaces OGI/NO
02/10 0251-0027

10-11-2000



101483944

U.S. Department of Commerce
Patent and Trademark Office
PATENT

SEP 10 2000

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type☒ New

Resubmission (Non-Recordation)

☐ Document ID#

Correction of PTO Error

☐ Reel #

Frame #

Corrective Document

☐ Reel #

Frame #

Conveyance Type☒ Assignment☐ Security Agreement☐ License☐ Change of Name☐ Merger☐ Other**U.S. Government**

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File☐ Secret File**Conveying Party(ies)**☐

Mark if additional names of conveying parties attached

Name (line 1) **Arnold C. Chen**

Name (line 2)

Execution Date
Month Day Year**08/23/2000****Second Party**

Name (line 1)

Name (line 2)

Execution Date
Month Day Year**Receiving Party**☐

Mark if additional names of receiving parties attached

Name (line 1) **GenOA Corporation**

Name (line 2)

Address (line 1) **41762 Christy Street**

Address (line 2)

Address (line 3) **Fremont****CA****94538**

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

10/10/2000 MTH/11 000002A4 09580322

01 F-221 40-50-BP

Form burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0951-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0951-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner For Patents, Box Assignments, Washington, D.C. 20231

FORM PTO-1619B

E-Patent: 06/30/03
QMD 6-25-0027

Page 2

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address

Area Code and Telephone (650) 858-7823

Name Michael W. Farn

Address (line 1) Fenwick & West LLP

Address (line 2) 2 Palo Alto Square

Address (line 3) Palo Alto, CA 94306

Address (line 4)

Pages

Enter the total number of pages of the conveyance document including attachments # 2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/580,322

If this document is being filed together with a new Patent Application, enter the date the patent application was
signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment

Enclosed



Deposit Account



Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

19-2555

Authorization to charge additional fees:

Yes ☒No ☐

Statement and Signature

*To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document. Charges to deposit account are
authorized, as indicated herein.*

Michael W. Farn

Name of Person Signing



Signature

08/31/2000

Date

PATENT

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to GenOA Corporation, a California corporation, having a place of business at 41762 Christy Street, Fremont, CA 94538 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: ELECTRICALLY PUMPED VERTICAL OPTICAL CAVITY WITH IMPROVED ELECTRICAL PERFORMANCE ("APPLICATION"), which:

☐ is to be filed herewith

☒ was filed on 05/26/2000, now bearing U.S. serial number 09/580,322

and for which a Declaration was executed by INVENTOR on the date(s) below; and

2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
Ashish K. Verma	_____, 2000	_____, 2000
State of _____		
County of _____		

On _____ before me, _____ personally
[DATE] [NOTARY PUBLIC]

appeared Ashish K. Verma, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary

Doc. No. 118

PATENT

Title of Document: ASSIGNMENT

Re:

Title:

ELECTRICALLY PUMPED VERTICAL OPTICAL CAVITY WITH
IMPROVED ELECTRICAL PERFORMANCE

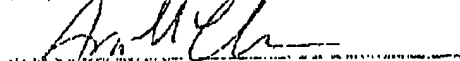
Filed: (if applicable)

05/26/2000

Serial No.: (if applicable)

00/580,322

Name and Signature



Arnold C. Chen

Date of
Signature

8/23, 2000

Date Declaration
Executed By This Person

8-23, 2000

State of

County of

On _____ before me, _____ personally

[DATE]

[NOTARY PUBLIC]

appeared Arnold C. Chen personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary

Name and Signature



Daniel A. Francis

Date of
Signature

_____, 2000

Date Declaration
Executed By This Person

_____, 2000

State of

County of

On _____ before me, _____ personally

[DATE]

[NOTARY PUBLIC]

appeared Daniel A. Francis personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 20, 2004

PTAS



102589693A

ERIC L. MASCHOFF
1000 EAGLE GATE TOWER
60 SOUTH TEMPLE
SALT LAKE CITY, UT 84111UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENTTHE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/22/2003

REEL/FRAME: 014634/0328
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GENOA CORPORATION

DOC DATE: 07/18/2003

ASSIGNEE:

FINISAR CORPORATION
1308 MOFFET PARK DRIVE
SUNNYVALE, CALIFORNIA 94089-1733

SERIAL NUMBER: 09580322

FILING DATE: 05/26/2000

PATENT NUMBER: 6647041

ISSUE DATE: 11/11/2003

TITLE: ELECTRICALLY PUMPED VERTICAL OPTICAL CAVITY WITH IMPROVED
ELECTRICAL PERFORMANCE

247.51

SERIAL NUMBER: 10014679

FILING DATE: 12/11/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: INTEGRATED OPTICAL DEVICE INCLUDING A VERTICAL LASING SEMICONDUCTOR
OPTICAL AMPLIFIER

247.45.1

DOCKETED
Action _____
Response Due _____
By DH On 6/8/04
Atty. _____ File # 16436,247.51

014634/0328 PAGE 2

SERIAL NUMBER: 09967859	FILING DATE: 09/28/2001	
PATENT NUMBER:	ISSUE DATE:	247.52.1
TITLE: MULTISTAGE TUNABLE GAIN OPTICAL AMPLIFIER		
SERIAL NUMBER: 10020527	FILING DATE: 12/14/2001	
PATENT NUMBER:	ISSUE DATE:	247.35.1
TITLE: OPTICAL CROSSBAR USING LASING SEMICONDUCTOR OPTICAL AMPLIFIERS		
SERIAL NUMBER: 10017200	FILING DATE: 12/14/2001	
PATENT NUMBER:	ISSUE DATE:	247.38.1
TITLE: SYSTEM AND METHOD FOR WAVELENGTH CONVERSION USING A VLSEA		
SERIAL NUMBER: 10061585	FILING DATE: 02/01/2002	
PATENT NUMBER:	ISSUE DATE:	247.54.1
TITLE: LASING SEMICONDUCTOR OPTICAL AMPLIFIER WITH OPTICAL SIGNAL POWER MONITOR		
SERIAL NUMBER: 10020558	FILING DATE: 12/14/2001	
PATENT NUMBER:	ISSUE DATE:	247.40.1
TITLE: OPTICAL LOGICAL CIRCUITS BASED ON LASING SEMICONDUCTOR OPTICAL AMPLIFIERS		
SERIAL NUMBER: 10017358	FILING DATE: 12/13/2001	
PATENT NUMBER:	ISSUE DATE:	247.45.1
TITLE: OPTICAL TRANSMITTER INCLUDING A LINEAR SEMICONDUCTOR OPTICAL AMPLIFIER		
SERIAL NUMBER: 10017201	FILING DATE: 12/14/2001	
PATENT NUMBER:	ISSUE DATE:	247.45.1.2
TITLE: OPTICAL RECEIVER INCLUDING A LINEAR SEMICONDUCTOR OPTICAL AMPLIFIER		
SERIAL NUMBER: 10029523	FILING DATE: 12/21/2001	
PATENT NUMBER:	ISSUE DATE:	247.39.1
TITLE: OPTICAL 2R/3R REGENERATION		
SERIAL NUMBER: 10029676	FILING DATE: 12/21/2001	
PATENT NUMBER: 6707600	ISSUE DATE: 03/16/2004	247.37.1
TITLE: EARLY WARNING FAILURE DETECTION FOR A LASING SEMICONDUCTOR OPTICAL AMPLIFIER		
SERIAL NUMBER: 10092455	FILING DATE: 03/06/2002	
PATENT NUMBER:	ISSUE DATE:	247.54.2.1
TITLE: LASING SEMICONDUCTOR OPTICAL AMPLIFIER WITH OUTPUT POWER MONITOR AND CONTROL		
SERIAL NUMBER: 10033550	FILING DATE: 12/27/2001	
PATENT NUMBER: 6577654	ISSUE DATE: 06/10/2003	247.54.2
TITLE: OPTICAL SIGNAL POWER MONITOR AND REGULATOR		
SERIAL NUMBER: 10095539	FILING DATE: 03/11/2002	
PATENT NUMBER:	ISSUE DATE:	247.43.1
TITLE: RECONFIGURABLE OPTICAL ADD-DROP MULTIPLEXER		

014634/0328 PAGE 3

SERIAL NUMBER: 10101761	FILING DATE: 03/19/2002	
PATENT NUMBER:	ISSUE DATE:	247.56
TITLE: OPTICAL AMPLIFIER WITH DAMPED RELAXATION OSCILLATION		
SERIAL NUMBER: 10392599	FILING DATE: 03/18/2003	
PATENT NUMBER:	ISSUE DATE:	247.48.1
TITLE: ELECTRICALLY PUMPED SEMICONDUCTOR ACTIVE REGION WITH A BACKWARD DIODE, FOR ENHANCING OPTICAL SIGNALS		
SERIAL NUMBER: 10392671	FILING DATE: 03/18/2003	
PATENT NUMBER:	ISSUE DATE:	247.50.1
TITLE: VERTICAL LASER CAVITY WITH A NON-PLANAR TOP MIRROR		
SERIAL NUMBER: 10300439	FILING DATE: 11/19/2002	
PATENT NUMBER: 6704138	ISSUE DATE: 03/09/2004	247.53.1
TITLE: LOW-NOISE, HIGH-POWER OPTICAL AMPLIFIER		
SERIAL NUMBER: 09273813	FILING DATE: 03/22/1999	
PATENT NUMBER: 6415495	ISSUE DATE: 09/03/2002	247.52
TITLE: TUNABLE GAIN LASING SEMICONDUCTOR OPTICAL AMPLIFIER		
SERIAL NUMBER: 09416817	FILING DATE: 10/12/1999	
PATENT NUMBER: 6512629	ISSUE DATE: 01/28/2003	247.53
TITLE: LOW-NOISE, HIGH-POWER OPTICAL AMPLIFIER		
SERIAL NUMBER: 09299824	FILING DATE: 04/26/1999	
PATENT NUMBER: 6347104	ISSUE DATE: 02/12/2002	247.54
TITLE: OPTICAL SIGNAL POWER MONITOR AND REGULATOR		
SERIAL NUMBER: 09585587	FILING DATE: 06/02/2000	
PATENT NUMBER: 6310720	ISSUE DATE: 10/30/2001	247.55
TITLE: POLARIZATION INSENSITIVE SEMICONDUCTOR OPTICAL AMPLIFIER		
SERIAL NUMBER: 09256175	FILING DATE: 09/18/2001	
PATENT NUMBER: 6549331	ISSUE DATE: 04/15/2003	247.55.1
TITLE: POLARIZATION INSENSITIVE SEMICONDUCTOR OPTICAL AMPLIFIER		
SERIAL NUMBER: 10016954	FILING DATE: 12/13/2001	
PATENT NUMBER: 6560010	ISSUE DATE: 05/06/2003	247.45.2
TITLE: BROADBAND GAIN-CLAMPED SEMICONDUCTOR OPTICAL AMPLIFIER DEVICES		

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1505 (Modified) (Rev. 11/01) OMB No. 0051-0027 (exp. 5/3/2002) PDA/AT (1/03)		10-31-2003	Docket No.: 15436.247
ET		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Tab Settings		102589693	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): GENOA CORPORATION		2. Name and address of receiving party(ies): Name: FINISAR CORPORATION Address: 1308 Moffet Park Drive City: Sunnyvale State/Prov.: CA Country: USA ZIP: 94089-1133	
Additional name(s) of conveying party(ies) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other			
Execution Date: July 18, 2003			
4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date attached Schedule A		B. Patent No.(s) Attached Schedule A	
Additional numbers <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Eric L. Maschoff Registration No. 36,596 Address: 1000 Eagle Gate Tower 69 South Temple City: Salt Lake City State/Prov.: UT Country: USA ZIP: 84111		6. Total number of applications and patents involved: 24 7. Total fee (37 CFR 3.41): \$ 960.00 <input checked="" type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 23-3178 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. R. Burns Israelsen Name of Person Signing Signature Date July 21, 2003			
Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to: 4			

SCHEDULE A **Patent Properties Subject to Assignment**

15438.247.52	05-27-13	22-Mar-99	6,446,495	9-Sep-02
15438.247.53	08-10-97	12-Jul-99	6,512,829	29-Jun-00
15438.247.54	05-28-92	25-Apr-98	6,347,104	12-Feb-02
15438.247.55	28-05-97	2-Jul-00	6,316,720	30-Oct-01
15438.247.56	05-05-12	18-Sep-01	6,849,331	16-Apr-05
15438.247.57	09-05-92	28-May-00		
15438.247.58	10-04-97	11-Dec-01		
15438.247.59	03-07-89	25-Sep-01		
15438.247.60	10-02-97	14-Dec-01		
15438.247.61	10-07-00	14-Dec-01		
15438.247.62	10-07-00	14-Dec-01		
15438.247.63	10-07-00	14-Dec-01		
15438.247.64	10-07-00	14-Dec-01		
15438.247.65	10-07-00	14-Dec-01		
15438.247.66	10-07-00	14-Dec-01		
15438.247.67	10-07-00	14-Dec-01		
15438.247.68	10-07-00	14-Dec-01		
15438.247.69	10-07-00	14-Dec-01		
15438.247.70	10-07-00	14-Dec-01		
15438.247.71	10-07-00	14-Dec-01		
15438.247.72	10-07-00	14-Dec-01		
15438.247.73	10-07-00	14-Dec-01		
15438.247.74	10-07-00	14-Dec-01		
15438.247.75	10-07-00	14-Dec-01		
15438.247.76	10-07-00	14-Dec-01		
15438.247.77	10-07-00	14-Dec-01		
15438.247.78	10-07-00	14-Dec-01		
15438.247.79	10-07-00	14-Dec-01		
15438.247.80	10-07-00	14-Dec-01		
15438.247.81	10-07-00	14-Dec-01		
15438.247.82	10-07-00	14-Dec-01		
15438.247.83	10-07-00	14-Dec-01		
15438.247.84	10-07-00	14-Dec-01		
15438.247.85	10-07-00	14-Dec-01		
15438.247.86	10-07-00	14-Dec-01		
15438.247.87	10-07-00	14-Dec-01		
15438.247.88	10-07-00	14-Dec-01		
15438.247.89	10-07-00	14-Dec-01		
15438.247.90	10-07-00	14-Dec-01		
15438.247.91	10-07-00	14-Dec-01		
15438.247.92	10-07-00	14-Dec-01		
15438.247.93	10-07-00	14-Dec-01		
15438.247.94	10-07-00	14-Dec-01		
15438.247.95	10-07-00	14-Dec-01		
15438.247.96	10-07-00	14-Dec-01		
15438.247.97	10-07-00	14-Dec-01		
15438.247.98	10-07-00	14-Dec-01		
15438.247.99	10-07-00	14-Dec-01		
15438.247.00	10-07-00	14-Dec-01		

22386 U.S. PTO
10/691376



102203

7/7/2003

Page 1

KKK0003030197V001.xls

WHEN RECORDED RETURN TO:

PATENT APPLICATION

Docket No: 15436.247

Workman, Nydegger & Seeley
1600 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

A S S I G N M E N T

WHEREAS, Genoa Corporation, a California corporation, with its principal place of business located at 41762 Christy Street, Fremont, California 94538, (hereinafter referred to as ASSIGNOR) is the owner of record of the issued U.S. patents, pending U.S. patent applications, foreign and international patent applications and foreign patents listed in Schedule A attached hereto (collectively hereinafter, the "Patent Properties"); and


WHEREAS, Finisar Corporation, a Delaware corporation with its principal place of business at 1308 Moffett Park Drive, Sunnyvale, California 94089 (hereinafter referred to as ASSIGNEE), desires to acquire all right, title, and interest in and to the Patent Properties, the corresponding inventions, and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby assigns, and transfers unto said ASSIGNEE, the entire right, title, and interest in and to said Patent Properties, the corresponding inventions, and any and all letters patent which may be granted therefor in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from any of the Patent Properties to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise. As part of this assignment and transfer, ASSIGNOR assigns and transfers to ASSIGNEE the right to hold and enjoy said Patent Properties, the corresponding inventions, and all letters patent that may be granted on said Patent Properties for its use and benefit and for the use and benefit of its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment and transfer not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks in the U.S. Patent & Trademark Office to issue all letters patent arising from the Patent Properties or from the corresponding inventions to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for U.S. and foreign letters patent for the Patent Properties or for the corresponding inventions, for litigation regarding said letters patent, or for the purpose of protecting title to the Patent Properties, the corresponding inventions, or letters patent therefor.

Signed this 18 day of July, 2003.

ASSIGNOR
Genoa Corporation
41762 Christy Street
Fremont, California 94538

By:



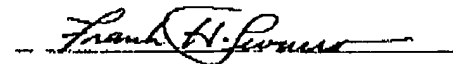
Name: Steve Workman

Position: Chief Financial Officer

Accepted this 18 day of July, 2003.

ASSIGNEE
Finisar Corporation
1308 Moffett Park Drive
Sunnyvale, California 94089

By:



Name: Frank H. Levinson

Position: Chairman of the Board

W.A1513621/WKKK0000000220V001.DOC

FILED VIA FACSIMILE

PATENT APPLICATION
Docket No: 15436.247.51.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
	Ashish K. Verma, et al.)
)
Serial No.:	10/691,376) Art Unit
) 2828
Filed:	October 22, 2003)
)
Conf. No.:	4953)
)
For:	OPTOELECTRONIC SEMICONDUCTOR DEVICE)
)
Examiner:	Flores Ruiz, Delma R)
)
Customer No.:	022913)

CERTIFICATE OF FACSIMILE TRANSMISSION

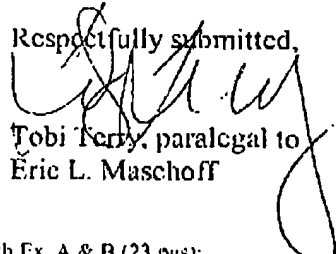
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that this paper is being transmitted via facsimile at facsimile number
(571) 273-8300 to the Patent and Trademark Office on the date shown below.

Dated this 25th of May, 2006.

Respectfully submitted,


Tobi Terry, paralegal to
Eric L. Maschoff

Transmitted:

- Transmittal (1 pg)
- Revocation and Substitute Power of Attorney with Ex. A & B (23 pgs);
-

W\15436\A247.51\PTA\000002142V001.doc

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.